First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495907

erial No. .....

ame of Work Improvements to Roads & Drains at M. Topalya area in Ward-11 (Kuvempunagara) in Vidyaranyapura Ward

ame of Contractor of nature of Agency N.M. Shivakumar contractor

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Code :- 011 - 18 - 000069 (in det no :- 30480						
	Work order no :- BBMP/EE/BTP/00/101/2018-19 dt - 31.8.2018						
	Head of Account :- P1771 Estimated Cost :- 20.0 lakh						
	Administrative Appl :- AS/CE/YNK/400/17-18 dt						
	Technical sanction :- TS/EE/BTP/127/17-18 dt 15.3.2018						
1)	Earth work Excavation by manual Means in Ordinary soil including an average horizontal throw upto 2 metre & an average lift upto 0.5m Excavated surface leveled & sides neatly dressed to disposed earth to be leveled neatly after breaking of Clods etc complete as per specifications & direction of Engineer incharge of the work						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	o/o HKLN Banana Mandy	1	30.0	1.0	1.0	30.0 Cum	
	next to Govt depo road	1	30.0	1.0	1.0	30.0	
		1	30.0	1.0	1.0	30.0	
		1	30.0	1.0	1.0	30.0	
		1	7.0	1.0	1.0	7.0	
		1	30.0	1.0	0.9	27.0	
		1	30.0	1.0	0.90	27.0	
		1	17.0	1.0	0.90	15.30	
		1	30.0	1.0	0.90	27.0	
		1	19.0	1.0	0.90	17.10	
	Cross road —	1	30.0	1.0	0.90	27.0	
		1	26.0	1.0	0.90	23.40	
	o/y limited to	290.80 Cum @ Rs 199/cum				290.80 Cum	Rs - 57884

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rial No. .....

me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
2)	providing & Laying in position plain cement Concrete 1:4:8 (1 part of cement 4 parts of coarse aggregate 8 parts of graded granite metal coarse aggregate @ 0.85 Cum and fine aggregate @ 0.5 Cum machine mixed, Concrete laid in Layers not exceeding 15 cm thick well compacted in foundation & plinth including cost of all materials, Labour, Hire & Machine charges etc Complete as per specifications & directions of Engineer in charge of work.						
	o/o HCHN Banaskantha next to Coal depo road	1	30.0	0	0.15	4.50	Cum
		1	30.0	—	0.15	4.50	4
		1	30.0	—	0.15	4.50	4
		1	30.0	—	0.15	4.50	4
		1	7.0	—	0.15	1.05	4

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MEASUREMENTS

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement Sheet
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		1	30.0	1.0	0.15	4.50	
		1	30.0	1.0	0.15	4.50	
		1	17.0	1.0	0.15	2.55	
		1	30.0	1.0	0.15	4.50	
		1	19.0	1.0	0.15	2.85	
		1	30.0	1.0	0.15	4.50	
		1	26.0	1.0	0.15	3.90	
						46.35	
			Qty limited to	45.90		(@ Rs 4900/-	Rg-2249
3)	Providing, laying, cement concrete using 20mm & down size aggregate Jelly & ready mixed concrete (RMC) for Reclosing, Laid in layers not Thickness well compacted with vibrating equipments, finishing with necessary Mortar from sides and scaffoldings to withstand purging pressure & complete						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore-97

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M. A. R. 57 (Rule 116)

Measurement Book

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495909

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me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Lead & lift etc Complete (Excluding cost of steel and fabrication charges) Ready mixed Cement Concrete M 20 (1:1.5:3) for raft foundation/ Column/ Main & secondary beams etc Complete as per specification/ direction/ of Engineer in charge of the work						
	Opp HKHN Banana Mandi Next to Govt depo road Bed Concrete	1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	7.0	0.90	0.15	0.95	
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
						25.25	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measu.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Cross wall C&F=C	1	17.0	0.90	0.15	2.30	4
		1	30.0	0.90	0.15	4.05	4
		1	19.0	0.90	0.15	2.57	4
		1	30.0	0.90	0.15	4.05	4
		1	26.0	0.90	0.15	3.51	4
	Sidewall 20/10	2	30.0	0.15	0.55	4.95	4
		2	30.0	0.15	0.60	5.40	4
		2	30.0	0.15	0.60	5.40	4
		2	30.0	0.15	0.60	5.40	4
		2	7.0	0.15	0.60	1.26	4
		2	30.0	0.15	0.60	5.40	4
		2	30.0	0.15	0.55	4.95	4
		2	17.0	0.15	0.60	3.06	4

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495910

No. .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth	77.54	
2	3	4	5	6	7	8
	2	30.0	0.15	0.60	5.40	Cum
	2	19.0	0.15	0.60	3.42	
	2	30.0	0.15	0.60	5.40	
	2	26.0	0.15	0.60	4.68	
					96.44 Cum	
					@ 5879/-	
Providing & laying in position Cement concrete in foundation & plinth beam including curing, shuttering, centering, finishing & vibrating complete as per design (Excluding cost of reinforcement) Materials, labour, tools & plant etc complete as per specification & direction of Engineer in charge.	limited	96.38	Cum	@ Rs	6160/-	

Cross ready

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore 97

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MEASUREM...

Date	Full description, etc, of work	Dimensions				Contents	R...
		Number	Length	Breadth	Depth		Me...
1	2	3	4	5	6	7	
	In charge of work premeasured recorded vide page 495992 of this MB Qty 5.78 nos @ Rs 64243/- Cb —						3,71,3...
5)	providing & removing centering, shuttering, staging, propping & removal of Form work for vertical surfaces such as walls, columns, pillars, piers, attached pilasters, buttresses, plinth & string courses of all materials, Labour etc complete as per direction of Engineer in charge of work. premeasured recorded vide page 495992 of this MB Qty 734.40 Sqm @ Rs 310/Sqm						Rs - 2276...
6)	Precast slab of 100 mm thick including curing, transportation, loading, unloading etc complete						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 495911

rial No. .....

me of Work ..... From..... To.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	The direction of Engineer in charge of work						
	Data rate						
	Coorg Slaty	262	0.60	-	0.90	141.30 Sqm	
		78	0.60	—	0.90	42.30 "	
		82	0.60	-	0.90	44.10 "	
	Cross wall	93	0.60	-	0.90	50.40 "	
						278.10 Sqm	
	Contract of limited to 275.40 Sqm @ Rs. 1400/ Sqm					Rs = 385,560/-	
	certified that the above said work done Satisfactory					18,55283	
	department						

Assistant Executive Engineer
Hirekerooru Sub Division

AE 04/10/18

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MEASURE

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1		3	4	5	6	7

Total Rs: 1855287-
IT 2 = 18553-
CM- 18553-
CBF- 1855-
L&R- 19109-00
CGST - 18553-
SGST - 18553-
Adjn 95176-
Cheque: 17,60,111-00

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ Rs: 18,55,287-
ಗಳಲ್ಲಿ ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 95176-00
ಹಿಡಿದುಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 17,60,111-00
Rs: Seventeen Lakhs Sixty thousand one hundred eleven only.
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡತಕ್ಕಾಗಿದೆ

ODP HRGN Bannana tunnel

127.00 M

30.00 M

49.00 M

47.00 M

1 span

2 spans

M.S. Hand rail

INDEX:

RCC Drain Done

Assistant Executive Engineer

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